

LAHIVE & COCKFIELD LLP

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
lc@lahive.com

JOHN A. LAHIVE JR. (1928-1997)
THOMAS V. SMURZYNSKI
RALPH A. LOREN
GIULIO A. DECONTI, JR.
ANN LAMPORT HAMMITT
ELIZABETH A. HANLEY
AMY BAKER MANDRAGOURAS
ANTHONY A. LAURENTANO
KEVIN J. CANNING
JANEE E. REMILLARD
DANIEL FORAN SMITH
PETER C. LAURO
JEANNE M. D'GIORGIO
DEBRA J. MILASINIC, Ph.D.
DAVID J. RIKKERS
DAVID R. BURNS
JOHN S. CURRAN
SEAN D. DETWEILER

CYNTHIA L. KANIK, Ph.D.
MEGAN E. WILLIAMS, Ph.D.
RICHARD N. NANO
MICHAEL PHILLIPS
LISA M. DIROCCO
NATHAN P. RUSSELL
MARIA LACCOTRIPEZACHARAKIS, Ph.D.
PETER A. DMATTIA
VINCENT P. LOCCISANO
MERIDETH C. ARNOLD

SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
WILLIAM A. SCOFIELD, JR.
SIBBLEY P. REPPERT

PATENT AGENTS
THEODORE R. WEST
SHAYNE Y. RUFF, Ph.D.
DANIEL B. KO

TECHNICAL SPECIALISTS
CYNTHIA M. SOROOS
PETER W. DINI, Ph.D.
EUNHOON LEE
JENNIFER K. ROSENFELD
ALLAN TAMESHTIT, Ph.D.
CATHERINE E. McPHERSON
ERIC F. WAGNER, Ph.D.
SHAHID HASAN, Ph.D.
JACOB G. WEINTRAUB
JONATHAN M. SPARKS, Ph.D.
CRISTINE E. HOWLEY, Ph.D.

* Admitted in NY only
** Admitted in TX only

May 1, 2002

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application Serial Number 09/554933
Title: Human Proteins Having Transmembrane Domains
and DNAs Encoding These Proteins
Inventors: Seishi Kato, et al.
Filed: May 22, 2000
Attorney's Docket No.: GIN-6713CPUS

Dear Sir:

Enclosed please find for filing in connection with the above-referenced application:

1. Supplemental Amendment (3 pages, including 1 page of Appendix A).

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. *A duplicate of this sheet is enclosed.*

Certificate of Facsimile Transmission

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being facsimile transmitted to the Commissioner for Patents, Washington, D.C. 20231 on:

Date May 1, 2002

Date

Cynthia L. Kanik, Ph.D., Reg. No. 37,320

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Cynthia L. Kanik, Ph.D.
Reg. No. 37,320
Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Seishi Kato et al.

Serial No.: 09/554933

Filed: May 22, 2000

For: HUMAN PROTEINS HAVING TRANSMEMBRANE
DOMAINS AND DNA'S ENCODING THESE PROTEINS

Attorney Docket No.: GIN-6713CPUS

Group Art Unit: 1647

Examiner: J. Seharaseyon

Commissioner for Patents
Washington, D.C. 20231**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being facsimile transmitted to the Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

May 1, 2002

Date of Signature and of Mail Deposit

By:

Cynthia L. Kanik, Ph.D.

Reg. No. 37,320

Attorney for Applicants

SUPPLEMENTAL AMENDMENT

Dear Sir:

Pursuant to a telephone conference with Examiner Seharaseyon on May 1, 2002, please amend the above-identified application as follows:

In the claims:

Please cancel claims 12-15.

13/c
MQJ
5/2/02